Public Works (1906) Department.

G.O., No. 723 / 724 I

DATED 3-7-1906.

100/4 copies of G.O.

22/2 copies of Estt. with docket at the back for the G. of I.

30 copies of Estt. for records.

5-7-06.

[Despatch Abstract.]

No. 7 Vellari Kammoy, Periyar Project

An estimate, amounting to Rs 2620, for improving —, sanctioned, and a copy of the Procs: ordered to be forwarded to the G. of I. for information

No. 7 Vellari Kammoy, Periyar Project

Forwarding a copy of the Procs: sanctioning an estimate, amounting to Rs 2620, for improving

882 of 07

Registered
4.7.06

P. W. 26.
300—19-6-05

Indexed
6/7/06

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

IRRIGATION.
ACCOUNT.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

Recd. } 1906. *Enclosures*

Regd. *Spare copies*

G.O., Nos. 723, 724 I., 3rd July 1906.

No. 7 Vellari Kammoy, Periyar project

Forwarding a copy of the Proceedings sanctioning an estimate, amounting to Rs. 2,620, for improving —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers :—

I

Letter—from S. B. MURRAY, Esq., Superintending Engineer, VI Circle.
To—the Chief Engineer for Irrigation.
Dated—Trichinopoly, the 11th May 1906.
No.—279 C.E.

I have the honour to forward, for your approval and sanction, an estimate, amounting to Rs. 2,130, for improvements to No. 7 Vellari Kammoy, one of those Periyár affected tanks, ordered to be retained in Mélúr taluk, as per G.O., No. 1250 I., dated 15th December 1905.

2. The report attached to the estimate explains the necessity for the works proposed.

3. As no increase in revenue can be expected by the proposed improvements, they have been classified as "unremunerative," and are expected to be completed by the end of March 1907.

4. An estimate, amounting to Rs. 350, for the necessary repairs to the tank has been sanctioned by the Executive Engineer, Madura division.

ENCLOSURE.

Report to accompany the estimate for improvements and repairs to Vellari Kammoy of Mélúr taluk.

	RS.
Amount of estimate—	
Improvements	2,130
Repairs	350
Total ...	2,480

General.—The tank is one of those to be maintained as per G.O., No. 176 I., dated 20th February 1897, and is included in the revised list submitted to the Superintending Engineer, VI Circle, with this office No. 112/S.E., dated 24th February 1902, and approved by the Collector of Madura in his R. Dis. No. 893-Rev., dated 2nd August 1902.

By Superintending Engineer.
Approved by Government in G.O., No. 125 I., dated 15th December 1905.

Source of supply.—The tank, in addition to the supply from its drainage area, receives Periyár supply from Vellari sluice in No. X Branch channel.

Surplus arrangements.—The existing weir, with four vents in it, is not capable of discharging the total quantity estimated as likely to enter the tank. It is, therefore, proposed to build another calingulah, 109 feet long, at the left flank, which, together with the existing escape at the same flank, will give the necessary discharge.

Sluices.—There are three sluices in the tank for the irrigation of the ayacut of 262·25 acres under the tank. They are in good order, requiring neither improvements nor extensive repairs.

Bund.—The bund is low and weak in places, and an estimate, amounting to Rs. 350, has been sanctioned for strengthening it by raising it to 3 feet above M.W.L. In places where absolutely necessary it is proposed to revet the bund, to prevent scour and erosion by wave action.

F.T.L.—The F.T.L. has been fixed with reference to the crest of the existing escape. As the crest level of the existing weir is not being altered, no action need be taken regarding the area of (·20 dry + 30·35 wet) 30·55 acres submerged at F.T.L. of the tank.

A. V. Ramalinga Iyer,
Executive Engineer, Madura Division.

II

Note by the Chief Engineer for Irrigation.

The Superintending Engineer, VI Circle, submits an estimate, amounting to Rs. 2,130, for improving No. 7 Vellari Kammoy connected with the Periyár project. The tank, which has an ayacut of 262·25 acres, receives a supply from No. X Branch channel in addition to that from its own drainage area. It is stated that the existing weir, at the left flank, 68 feet long, is not capable of discharging the total estimated quantity of water likely to enter the tank. It is, therefore, proposed to construct, to the left of the present weir, a calingulah, 109 feet long, with dam stones 3 feet apart and 1 foot high, to assist the weir in disposing of the total estimated discharge of 2,285 cubic feet per second. The estimate also provides for raising, where low, the present revetment to 1 foot above M.W.L. and for constructing new revetment wherever necessary. It is recommended that the estimate be sanctioned.

2. The work is classed as "unremunerative" and will probably be completed by the 31st March 1907.

C. A. Smith,
Ag. Chief Engineer for Irrigation.

20*th June* 1906.

Order—No. 723 I., dated 3rd July 1906.

The following estimate is sanctioned :—

Imperial.
Capital expenditure not charged to Revenue.
49. Irrigation.
Periyár project.
Madura division
Open Capital Account.
I. Works.
3. Distributaries.
C. Works.
Unremunerative Work.
Improving No. 7 Vellari Kammoy.

	RS.
Estimate—	
I. Works	2,130
II. Establishment	490
Total ...	2,620

2. This sanction is registered as No. 88 I. of 1906-1907 and will expire on the 31st March 1907.

3. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Here enter No. 724 I., dated 3rd July 1906.]

(True Extract.)

C. A. Smith,
Ag. Joint Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
,, Superintending Engineer, VI Circle, with plans and estimate.
,, Examiner, Public Works Accounts.

Endorsement—No. 724 I., dated 3rd July 1906.

Forwarded.

(By order.)

C. A. Smith,
Ag. Joint Secretary to Government,
Irrigation Branch.

1,000—22-3-05.

NOTES.

2

P. W. D. Irrigation.

From the Supg. Engineer, VI Circle, No. 279 C.E. d/ 11th May 1906

2601
18.6.06

D.E.I.

Orders are requested if the estimate may be checked for sanction under "Extensions and Improvements".

Specify grouting with fine surki concrete plaster for the apron

15/5/06

J.M.G.
16/5.

CEI

14/6/06

14/6/06

14-6-06

[E. I. Form No. 42—600—23-8-04.]

2

Public Works Department,

Irrigation Branch.

Current No. 2601

Letter No. 279 CE

Dated 11/5/06

From the S.E. 6th circle (Mr Murray)
Prepared by E.E. Madura (Mr Ramalingam)

NOTE by Technical Section.

Name of work. Improving No 7 Vellari Konmoy. Periyar affected tank. Madura District.

Amount of Estimate Rs. 2130

Ayacut under the tank = 262-25 acres.
Free Catchment basin = 1.68 sq miles
Combined —— do —— = 13.28. "
Discharge to be provided for = 2285 cft per sec.

The tank has at present a weir 68 ft long, at left flank with 4 vents each 3 ft wide with means for regulation. The discharge over the weir = 641 cft per sec. (The discharge through the vents has been neglected). A new calingulah 109 ft long with damstones ~~1 ft high~~ placed 3 ft apart & 1 ft high is proposed to be built to the left of the existing weir to discharge the balance — Irrigation is commanded by 3 sluices which are stated to be in good order — The Estimate also provides for raising the present revetment where low to 1 ft above M.W.L. and to provide new revetment where necessary — It is stated that an Estimate for Rs 350 for repairing the bund has been sanctioned by the Ex Engr. Madura. The Estimates have been checked.

[initials] 14-6-06.

[initials] 14/6/06

P.W.D. Irrigation.

D.I.

A draft order sanctioning the estimate is submi
below for approval.

(Ind) T.R.
17.6.06.

(Ind) T.W.S.S.
20.6.06

(Ind) C.A.B
20.6.06.

His Excellency the Governor.

draft order approved

21.6.06.

7053

PUBLIC WORKS DEPARTMENT

IRRIGATION BRANCH.

CURRENT NO:
PASSED ON BY
R. C.
U. R. C.
REF.
R. K.
D. O.

28-6-06

A.E.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Improving the Vellari Kammoi tank. Periyar Project

A

READ the following

From the Supg. Engr., VI Circle, dd 11.5.06, No. 279 C.E.

Print with report.

D9

3 P

Note by the Chief Engineer for Irrigation.

page 1 of CF

The Supg. Engr., VI Circle, submits an estimate amounting to Rs 2,130 for improving No. 7 Vellari Kammoy connected with the Periyar Project. The tank, which has an ayacut of 262.25 acres, receives a supply from No. X Branch channel in addition to that from its own drainage area. It is stated that the existing weir, at the left flank, 68 feet long, is not capable of discharging the total estimated quantity of water

Issue

J.W.H. 22/6/06.

D9

Report – page 3 of CF

— do —

Please furnish plans and return file

2

26/6

2/7

water likely to enter the tank. It is, therefore, proposed to construct, to the left of the present weir, a calingulah, 109 feet long, with dam stones 3' apart and 1' high, to assist the weir in disposing of the total estimated discharge of 2,285 cub ft per second. The estimate also provides for raising, where low, the present revetment to 1 ft above M.W.L. and for constructing new revetment wherever necessary. It is recommended that the estimate be sanctioned.

Report - page 3 of CF.

x page 1 of Notes file

— do —

— do —

2. The work is classed as "unremunerative" and will probably be completed by the 31st March 1907.

page 1 of CF.

E. I. Form No. 1 (a)—1,000—10-3-05.

6/ 48

Order No. 723 I 28/27 06

Irrign Acct

The following estimate is sanctioned :—

Imperial.

Capital expenditure not charged to Revenue.

49 - Irrigation.

Periyar Project.

Madura Division.

Open Capital Account.

I Works.

3. Distributaries.

C works.

Unremunerative work

Improving No. 7 Vellari Kammoy.

		Rs
Estimate . . .	I Works	2,130
	II Estabt.	490
		2,620

2. This sanction is registered as No. 88-I of 1906-07 and will expire on the 31st March 1907.

3. Ordered that a copy of these Proceedings be

JL 21.6.06.

3

be forwarded to the Government of India for information and order

Endorsement No 724 I 27 3.7.06

Forwarded

J.M.E.H.
20/6/06

DESPATCHED
30 JUL 1906

DESPATCHED
23 JUL 1906

To

The Chief Engr: for Irrign
& Supg Engr:, VI Circle, with plans & est. D 24/7
& Examiner, P. W. Acts.

LB
Intl
17.6.06

58P

6